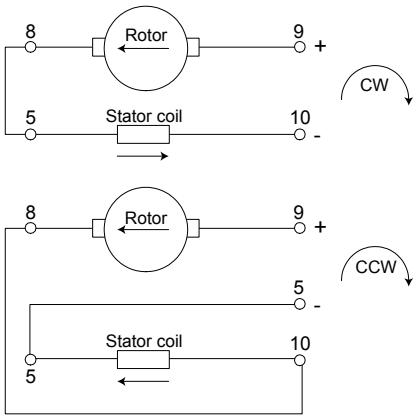
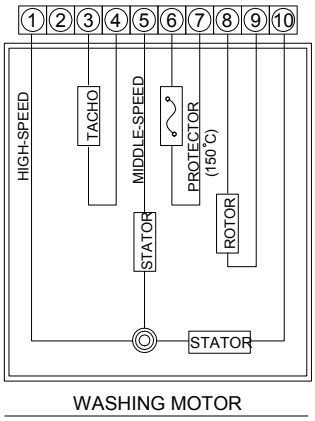
10. Designation of Main Components

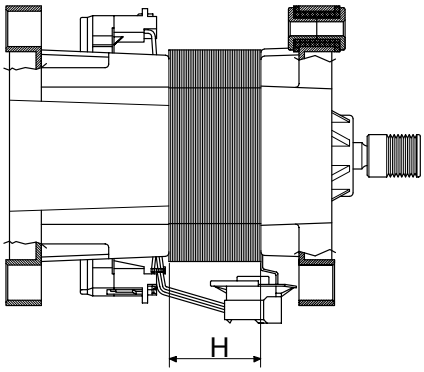
10-1 Normal / Reverse Revolution of Motor and R. P. M. Control



<Figure1>



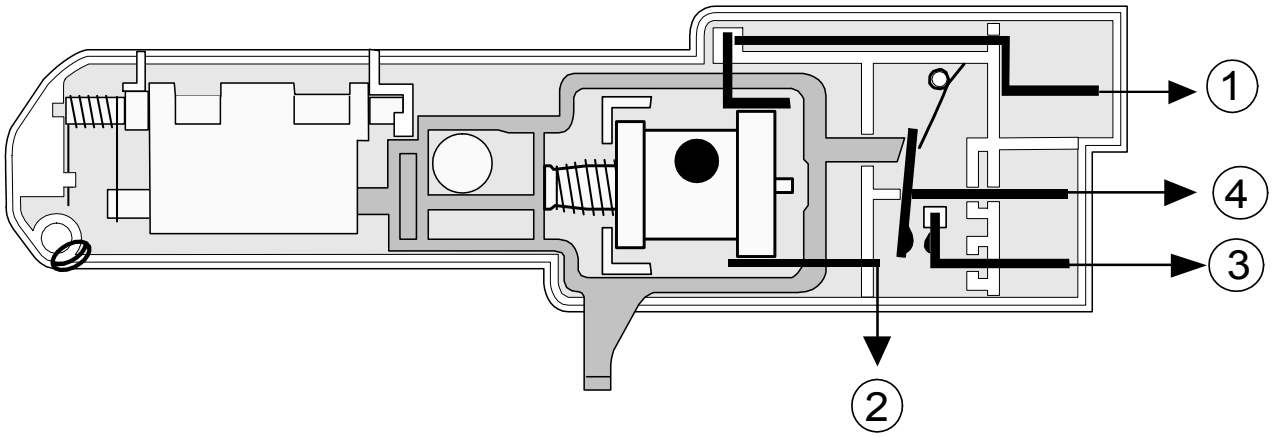
<Figure2>



<Figure3>

(± 7%)	STATOR(5.10)	STATOR(5.1)	ROTOR(8.9)	TACHO(3.4)	PROTECTOR(6.7)	"H"(mm)	Code-No.	Remark
Resistanc evalue	2.07Ω	0.90Ω	2.35Ω	34.3Ω	0	45	DC31-00002E	F1215J
Rated value	220~240V/50Hz							

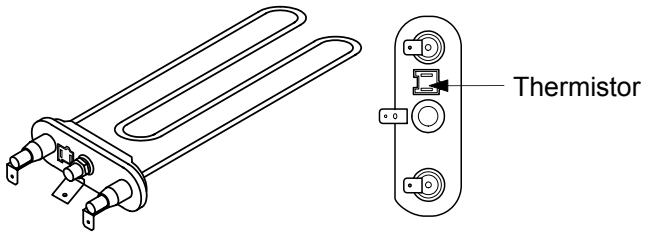
10-2 Door safety Device



1)Capacity :
- ① ~ ② (solenoid) : 120 Ω
- ③ ~ ④ : 250 V 16A

10-3 Heater

1) Capacity : AC 230V/1900W
2) Location : Bottom of TUB
3) Function : Raise the water temperature
supplied at the wash process.
4) Resistance value : 23~29
5) Thermal Fuse : 128°C



10-4 Detergent tub and water supply value

A Detergent tub is composed of housing and 3 drawers . supplied water flows into the 3 drawer-detergent tub by way of classifier at each washing process.

three open drainage way whith detergent and supplied water by way of connector located under the housing flows into washing tub.

the water supply valve is composed of a hot water valve(1 way) and a cold water valve(3way) and water flow per min in the valve is below.

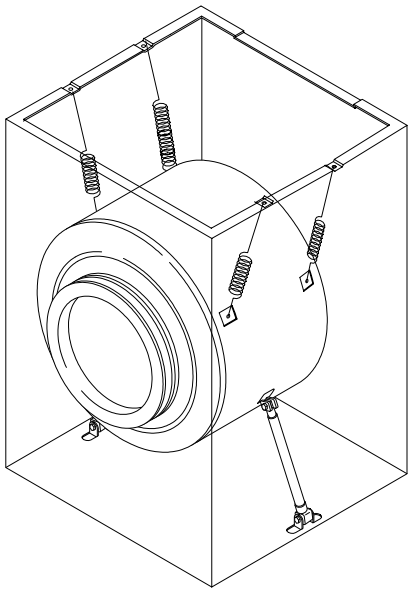
	Hot water valve(1 way)	**Cold water valve(2 way)**	
		V1	V2
water flow(L/min)	10L	10L	5L
resistance value	4.3kΩ	4.2kΩ	4.2kΩ
power consumption	AC 220v ~ 240V 50/60Hz		
usable water pressure	0.5 ~ 8 kg/㎠		

10-5 Shock absorber and buffer spring

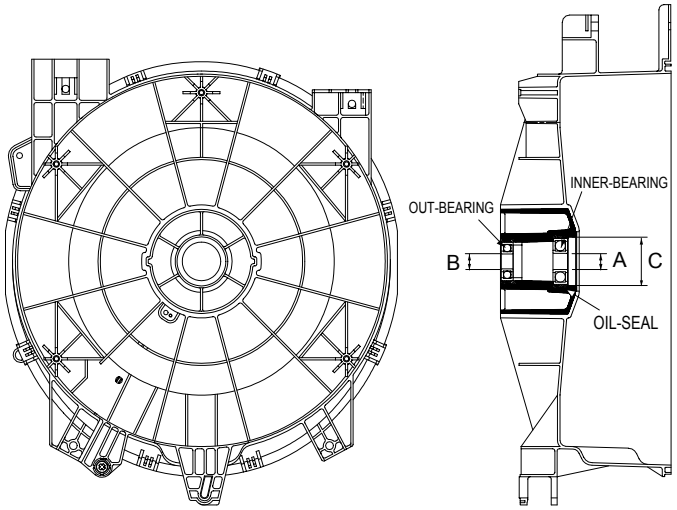
This wash machine is equipped with 2 Shock absorbers with same capacity and with 4 buffer springs. 2 Shock absorber are placed under the tub and outside case , 4 buffer springs are placed on the right and left of the upper side of outside case.

Shock absorber function: during wash, dehydration absorb the shock.
buffer spring: buffering the vibration

device	capacity of Shock absorber
Shock absorber	8±2kg



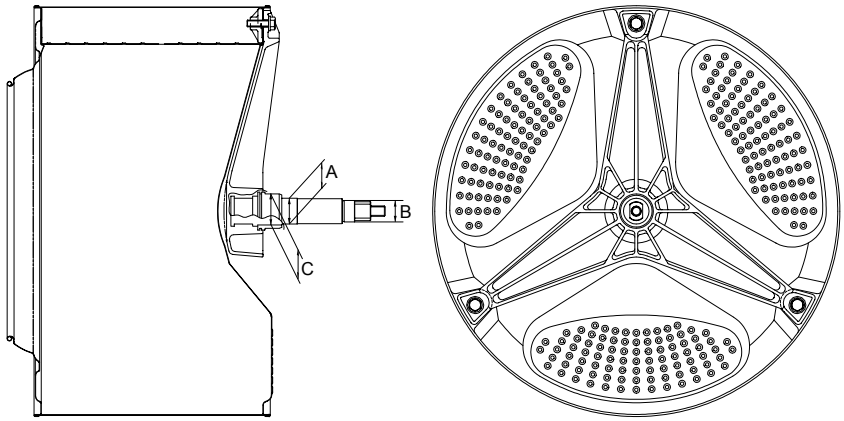
10-6 ASSY-TUB BACK



(unit : mm)

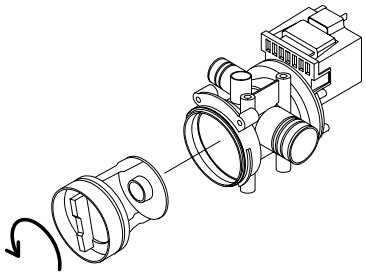
TYPE	INNER-BEARING(A)	OUT-BEARING(B)	OIL-SEAL(C)	Assy-Housing Bearing(D)	Assy-Tub Back	REMARK
I	ø 20	ø 17	ø 24.3	DC97-00125D	DC97-00214K	

10-7 ASSY- DRUM



(unit : mm)

TYPE	(A)	(B)	(C)	CODE-NO.	REMARK
I	ø 20	ø 17	ø 25	DC97-01463J	Lifter type

10-8 ASSY-PUMP DRAIN

1) Capacity : AC 230V 34W
2) Location : Front bottom(R)
3) Resistance : 150Ω ~ 180Ω